

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122617\
 Data File : BG031768.D
 Acq On : 26 Dec 2017 19:08
 Operator : SJ/JU
 Sample : PB105319BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB105319BL

Quant Time: Dec 27 00:25:58 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 11:08:55 2017
 Response via : Initial Calibration

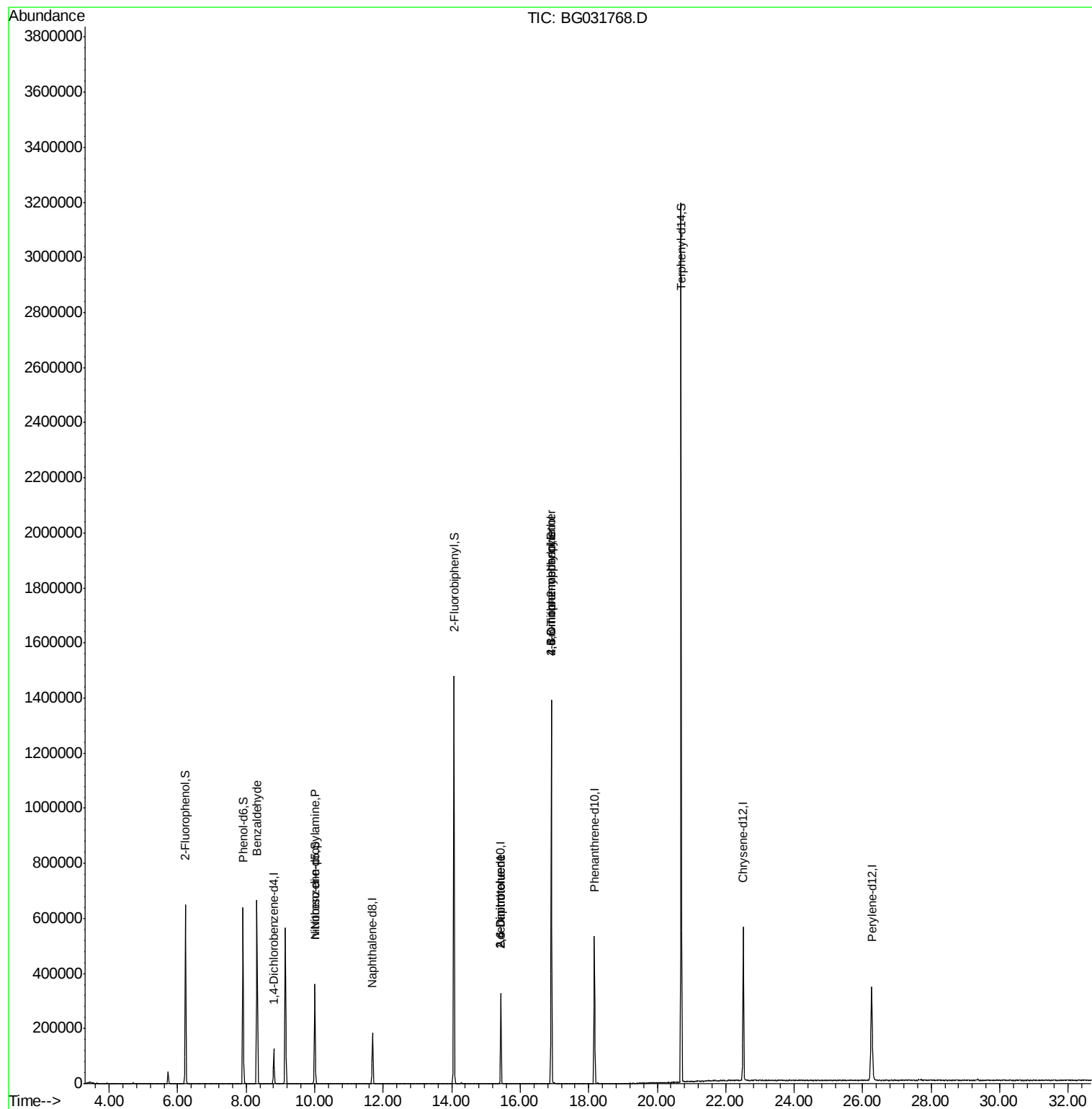
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.80	152	44438	20.00	ng	-0.04
21) Naphthalene-d8	11.69	136	184710	20.00	ng	-0.03
38) Acenaphthene-d10	15.43	164	128975	20.00	ng	-0.03
63) Phenanthrene-d10	18.17	188	363415	20.00	ng	-0.04
75) Chrysene-d12	22.51	240	439446	20.00	ng	-0.06
86) Perylene-d12	26.26	264	475471	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	360608	147.80	ng	-0.02
7) Phenol-d6	7.91	99	449420	141.88	ng	-0.02
23) Nitrobenzene-d5	10.01	82	236079	96.51	ng	-0.03
41) 2,4,6-Tribromophenol	16.91	330	330873	168.13	ng	-0.03
44) 2-Fluorobiphenyl	14.07	172	897403	87.33	ng	-0.03
78) Terphenyl-d14	20.70	244	1803458	93.76	ng	-0.04
Target Compounds						
9) Benzaldehyde	8.31	77	8088	4.24	ng	Qvalue 93
19) n-Nitroso-di-n-propylamine	10.01	70	29622	13.69	ng	# 73
50) 2,6-Dinitrotoluene	15.43	165	17273	8.26	ng	# 20
56) 2,4-Dinitrotoluene	15.43	165	17273	6.43	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.91	198	887	8.72	ng	# 8
66) 4-Bromophenyl-phenylether	16.91	248	25984	4.94	ng	# 1

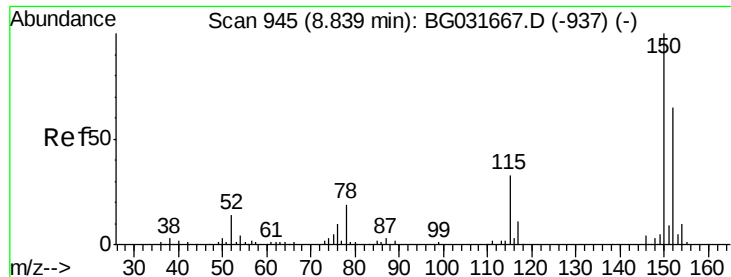
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122617\
Data File : BG031768.D
Acq On : 26 Dec 2017 19:08
Operator : SJ/JU
Sample : PB105319BL
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB105319BL

Quant Time: Dec 27 00:25:58 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 11:08:55 2017
Response via : Initial Calibration



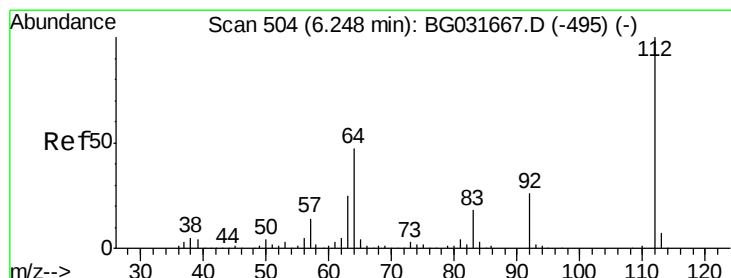
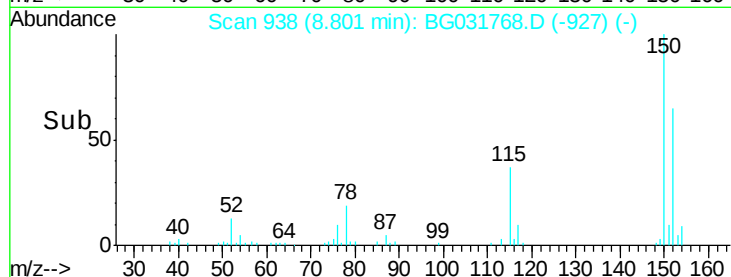
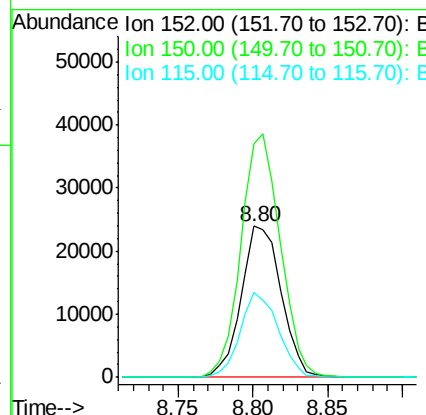
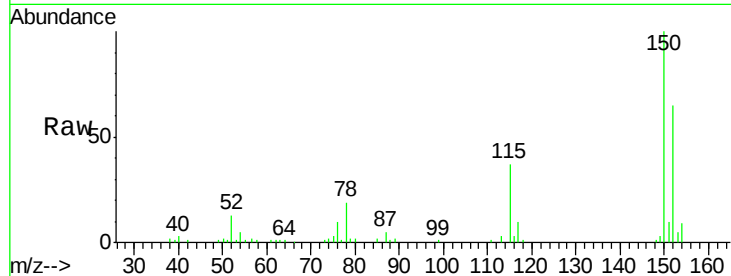


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.80 min Scan# 938
Delta R.T. -0.04 min
Lab File: BG031768.D
Acq: 26 Dec 2017 19:08

Instrument :
BNA_G
ClientSampleId :
PB105319BL

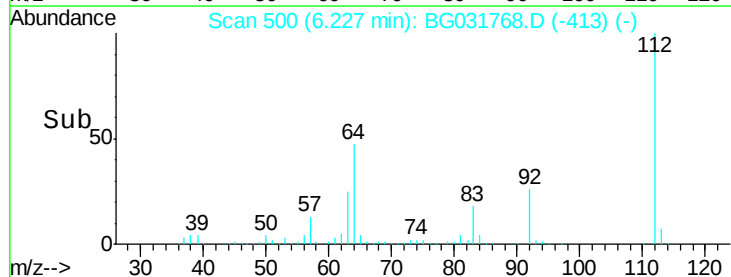
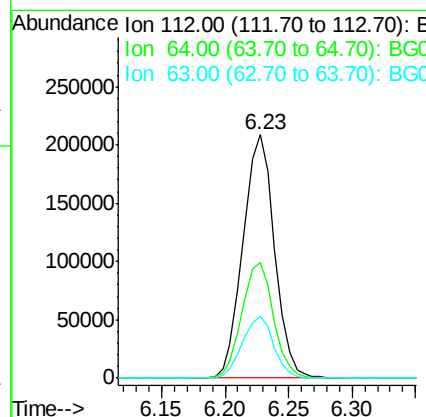
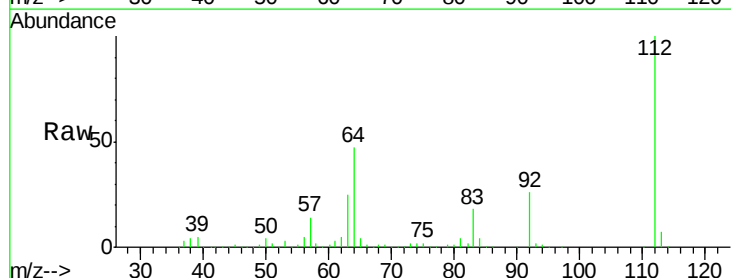
Tot Ion:152 Resp: 44438
Ion Ratio Lower Upper
152 100
150 154.4 126.6 189.8
115 56.5 53.0 79.4

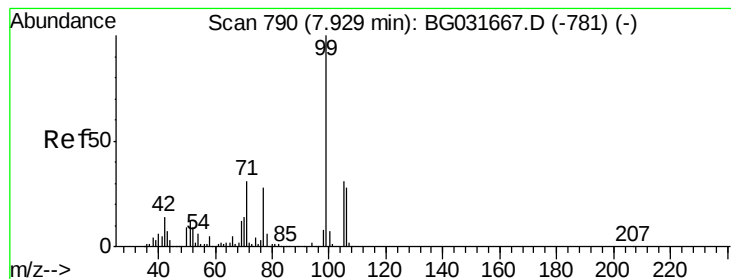


#5

2-Fluorophenol
Concen: 147.80 ng
RT: 6.23 min Scan# 500
Delta R.T. -0.02 min
Lab File: BG031768.D
Acq: 26 Dec 2017 19:08

Tgt Ion:112 Resp: 360608
Ion Ratio Lower Upper
112 100
64 47.3 56.3 84.5#
63 25.3 30.1 45.1#





#7

Phenol-d6

Concen: 141.88 ng

RT: 7.91 min Scan# 786

Delta R.T. -0.02 min

Lab File: BG031768.D

Acq: 26 Dec 2017 19:08

Instrument :

BNA_G

ClientSampleId :

PB105319BL

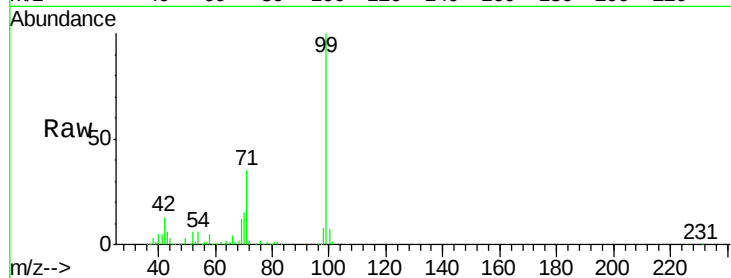
Tot Ion: 99 Resp: 449420

Ion Ratio Lower Upper

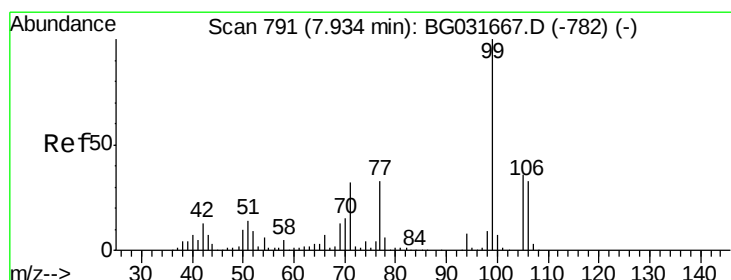
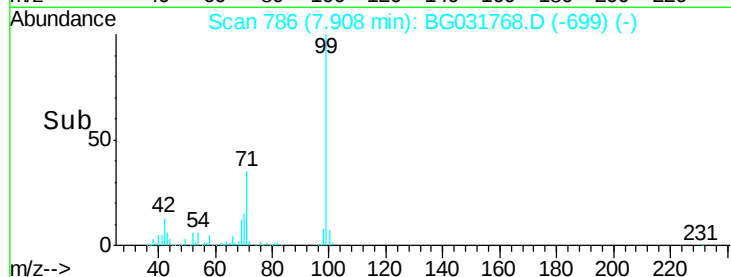
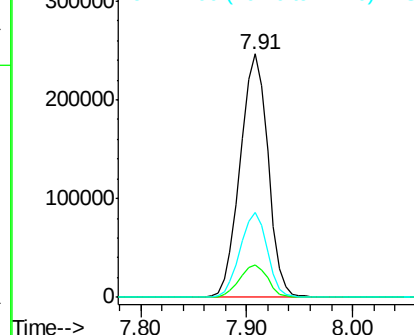
99 100

42 13.4 14.1 21.1#

71 34.7 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#9

Benzaldehyde

Concen: 4.24 ng

RT: 8.31 min Scan# 855

Delta R.T. 0.38 min

Lab File: BG031768.D

Acq: 26 Dec 2017 19:08

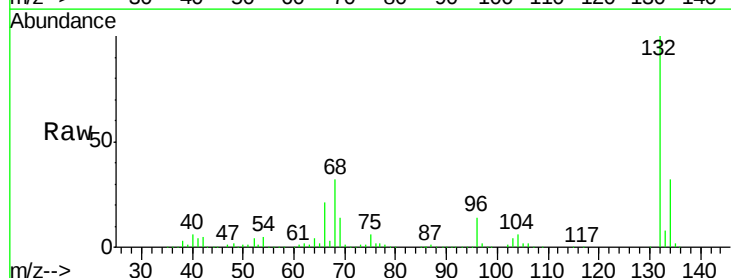
Tgt Ion: 77 Resp: 8088

Ion Ratio Lower Upper

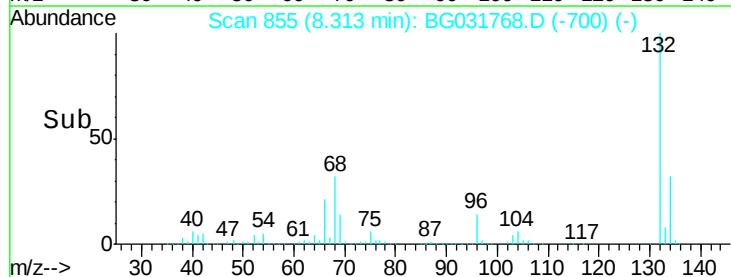
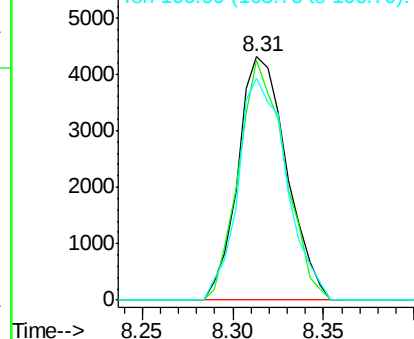
77 100

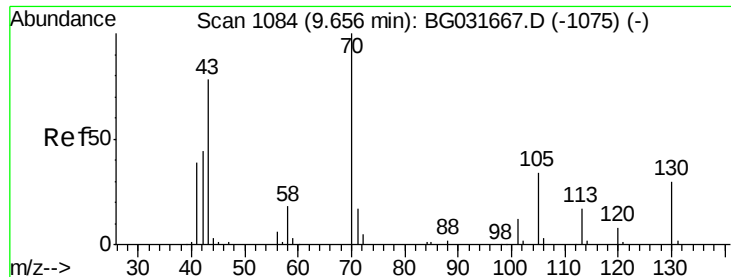
105 98.3 71.3 111.3

106 91.1 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

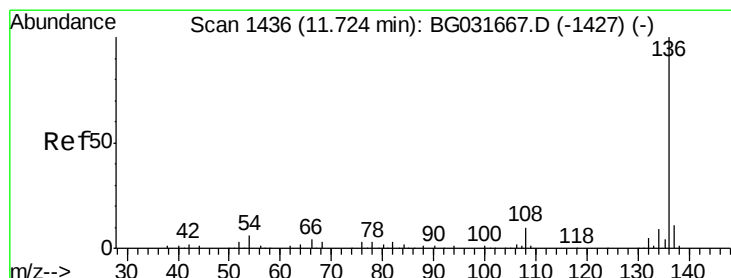
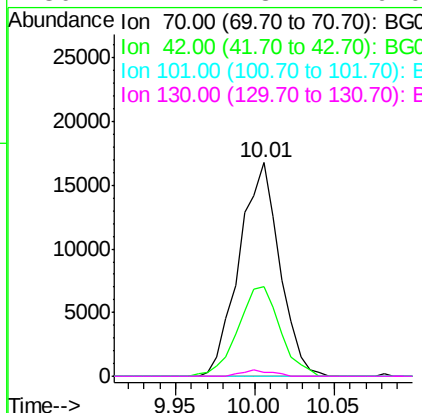
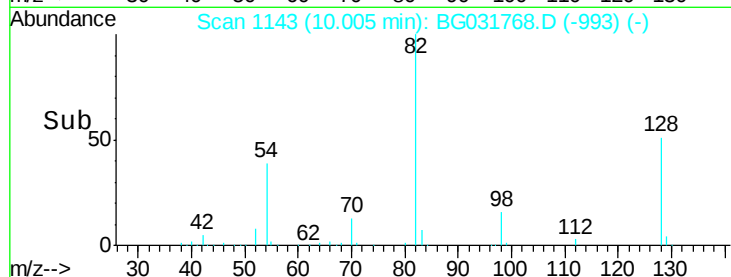
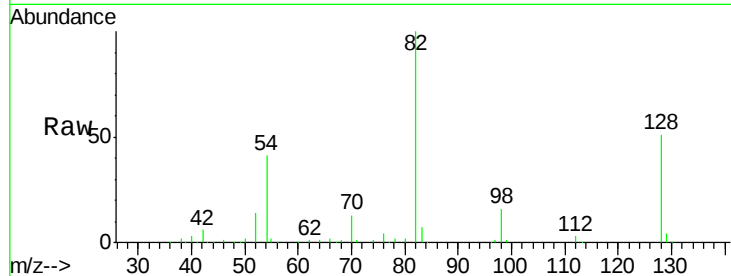




#19
n-Nitroso-di-n-propylamine
Concen: 13.69 ng
RT: 10.01 min Scan# 1143
Delta R.T. 0.35 min
Lab File: BG031768.D
Acq: 26 Dec 2017 19:08

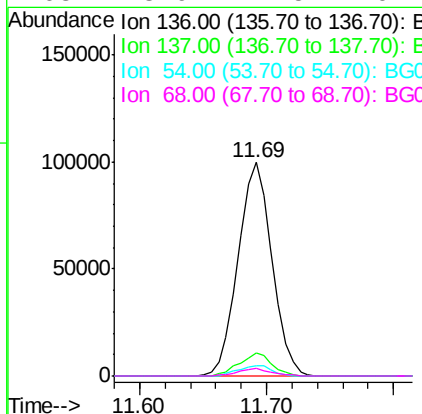
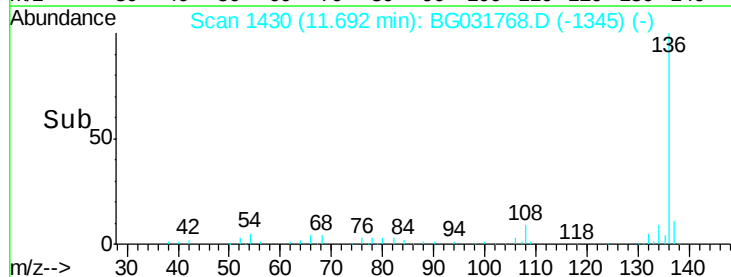
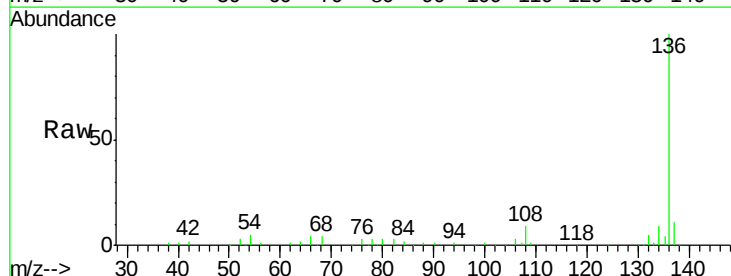
Instrument :
BNA_G
ClientSampleId :
PB105319BL

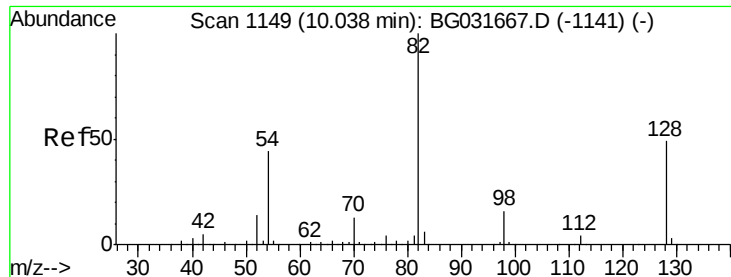
Tot Ion: 70 Resp: 29622
Ion Ratio Lower Upper
70 100
42 42.1 49.1 73.7#
101 0.0 8.5 12.7#
130 1.7 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.69 min Scan# 1430
Delta R.T. -0.03 min
Lab File: BG031768.D
Acq: 26 Dec 2017 19:08

Tgt Ion: 136 Resp: 184710
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 4.7 10.3 15.5#
68 3.9 4.5 6.7#

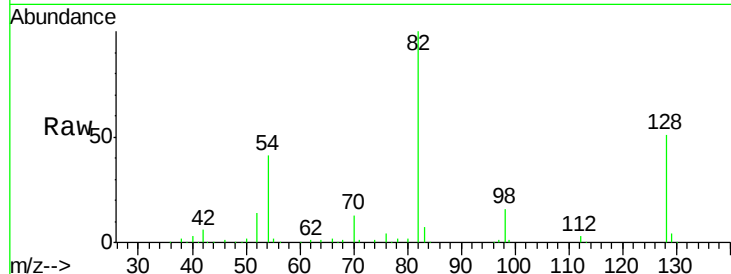




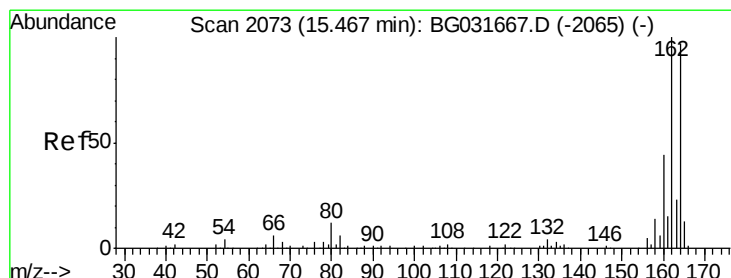
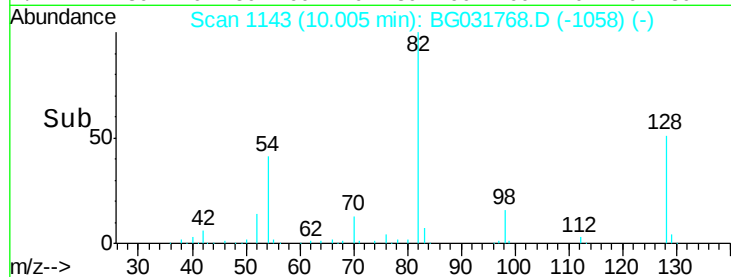
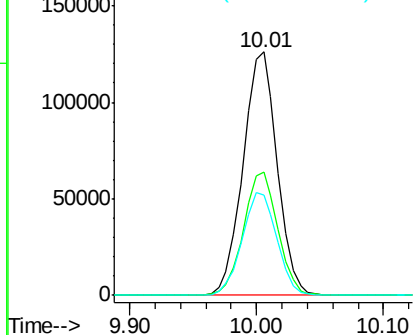
#23
 Nitrobenzene-d5
 Concen: 96.51 ng
 RT: 10.01 min Scan# 1143
 Delta R.T. -0.03 min
 Lab File: BG031768.D
 Acq: 26 Dec 2017 19:08

Instrument :
 BNA_G
 ClientSampleID :
 PB105319BL

Tot Ion: 82 Resp: 236079
 Ion Ratio Lower Upper
 82 100
 128 50.5 29.7 44.5#
 54 41.0 43.1 64.7#

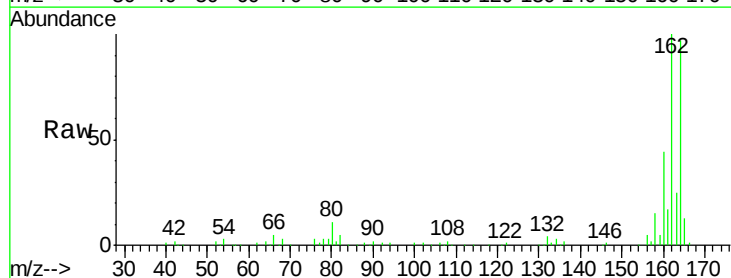


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

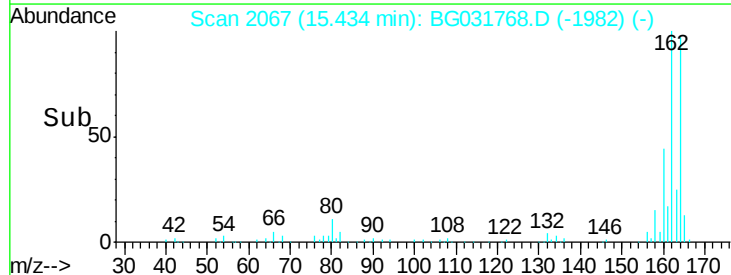
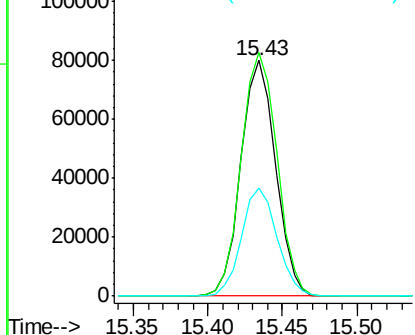


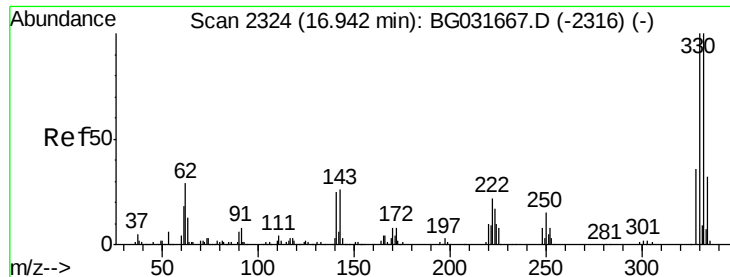
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.43 min Scan# 2067
 Delta R.T. -0.03 min
 Lab File: BG031768.D
 Acq: 26 Dec 2017 19:08

Tgt Ion:164 Resp: 128975
 Ion Ratio Lower Upper
 164 100
 162 103.3 78.8 118.2
 160 45.8 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC





#41

2,4,6-Tribromophenol

Concen: 168.13 ng

RT: 16.91 min Scan# 2318

Delta R.T. -0.03 min

Lab File: BG031768.D

Acq: 26 Dec 2017 19:08

Instrument :

BNA_G

ClientSampleId :

PB105319BL

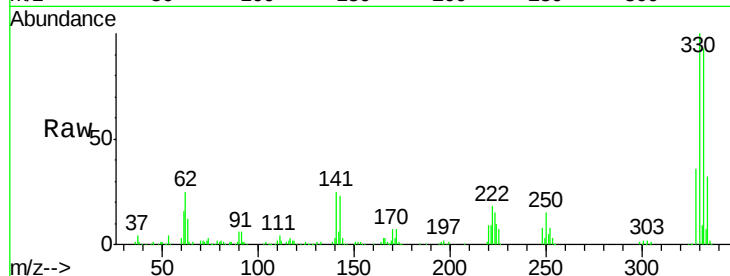
Tot Ion:330 Resp: 330873

Ion Ratio Lower Upper

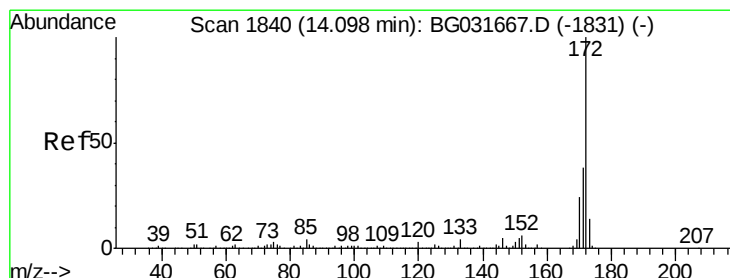
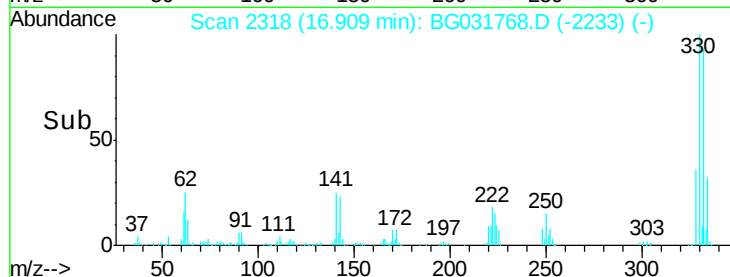
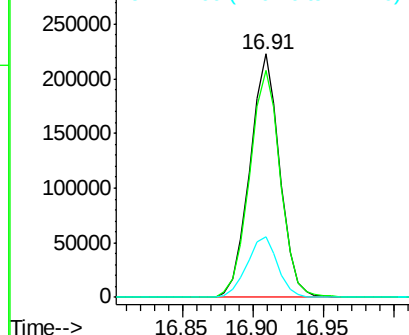
330 100

332 96.3 77.0 115.6

141 25.5 25.2 37.8



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 87.33 ng

RT: 14.07 min Scan# 1834

Delta R.T. -0.03 min

Lab File: BG031768.D

Acq: 26 Dec 2017 19:08

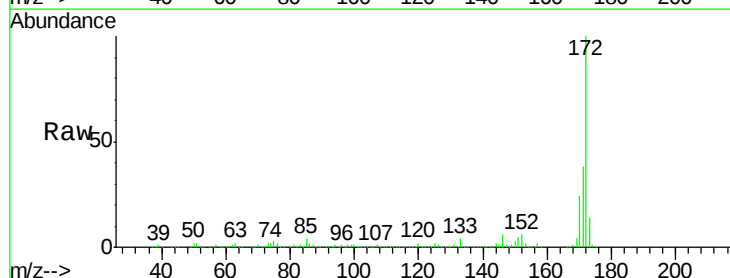
Tgt Ion:172 Resp: 897403

Ion Ratio Lower Upper

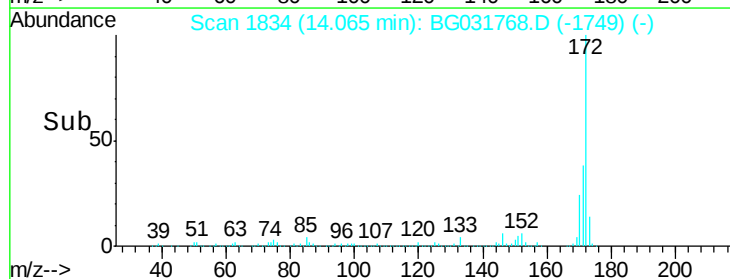
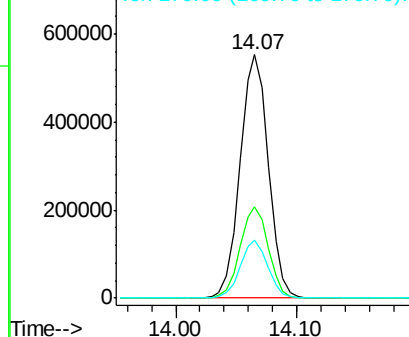
172 100

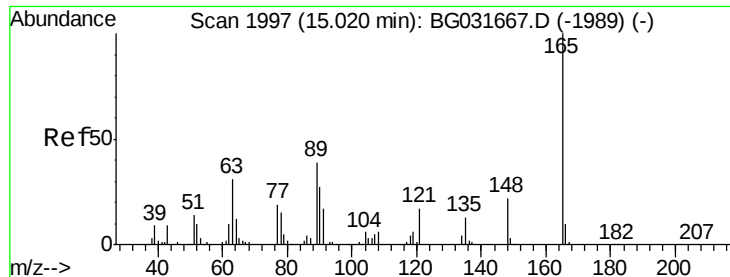
171 37.6 30.0 45.0

170 23.8 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

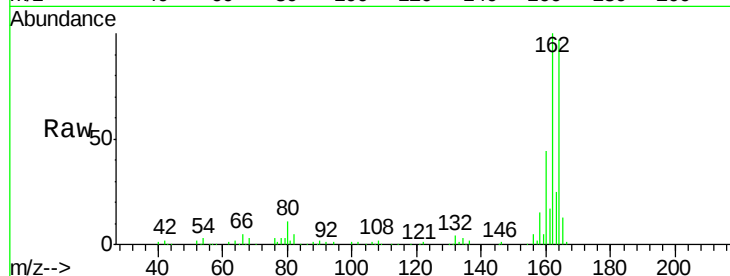




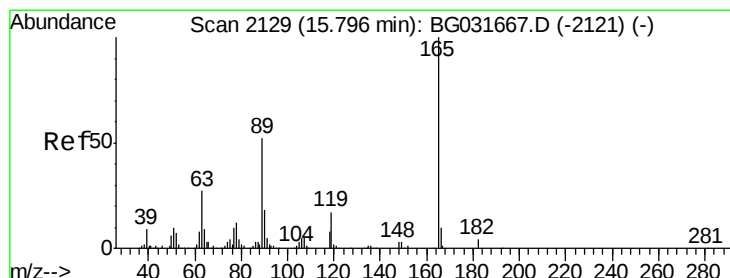
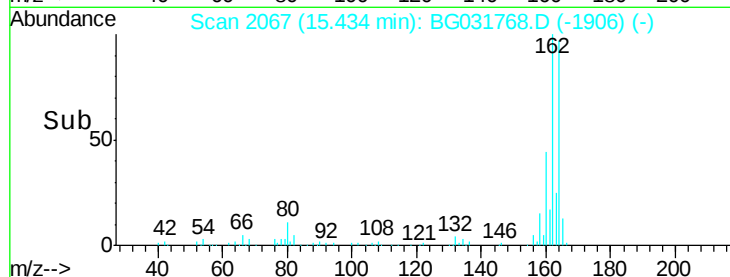
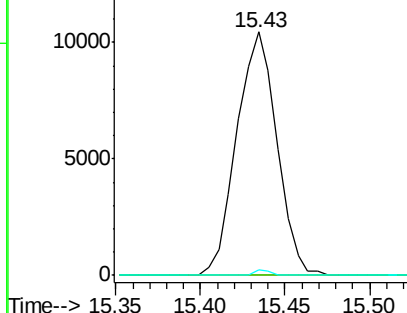
#50
 2,6-Dinitrotoluene
 Concen: 8.26 ng
 RT: 15.43 min Scan# 2067
 Delta R.T. 0.41 min
 Lab File: BG031768.D
 Acq: 26 Dec 2017 19:08

Instrument :
 BNA_G
 ClientSampled :
 PB105319BL

Tot Ion:165 Resp: 17273
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 2.2 49.2 73.8#

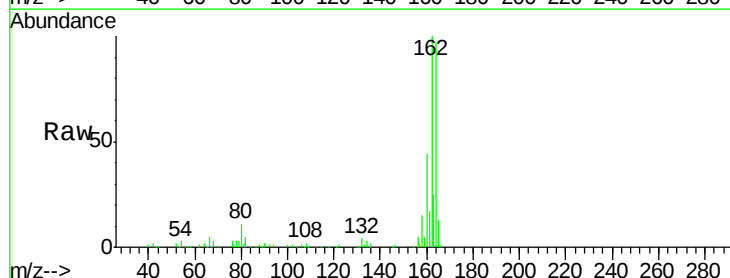


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

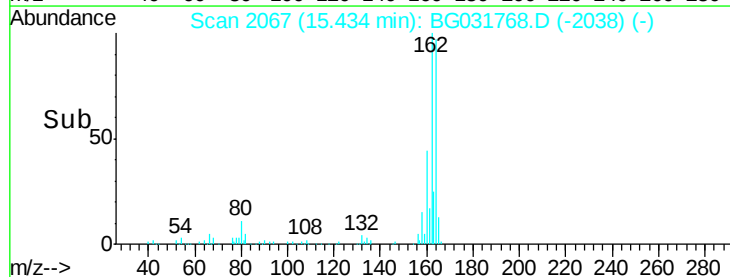
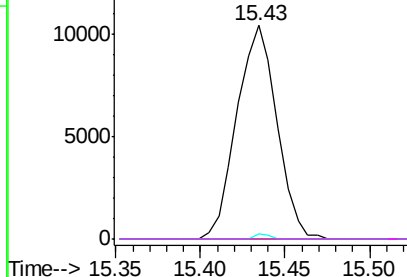


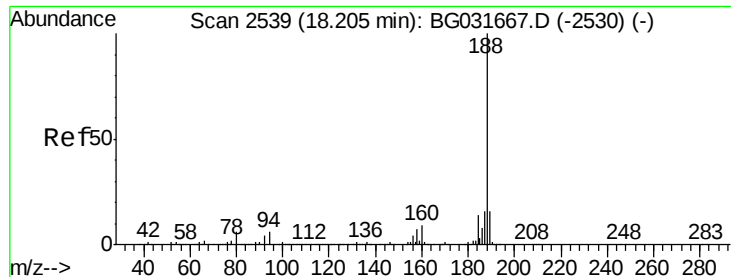
#56
 2,4-Dinitrotoluene
 Concen: 6.43 ng
 RT: 15.43 min Scan# 2067
 Delta R.T. -0.36 min
 Lab File: BG031768.D
 Acq: 26 Dec 2017 19:08

Tgt Ion:165 Resp: 17273
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 2.2 66.9 100.3#
 182 0.0 2.6 3.8#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

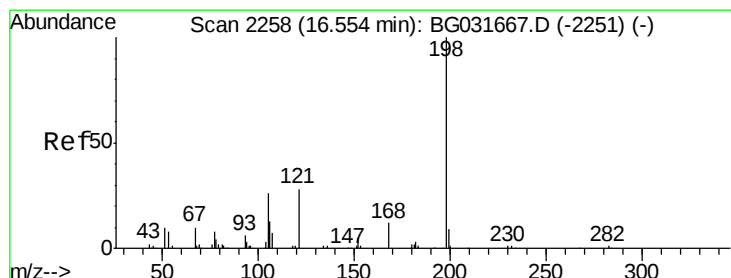
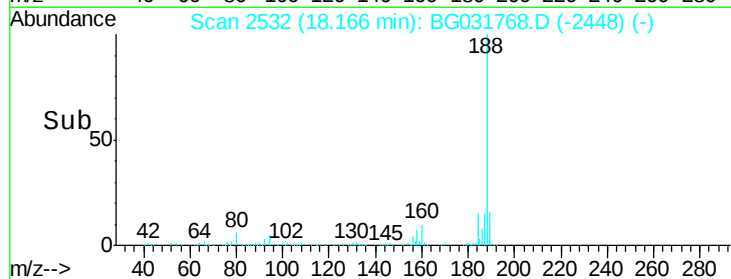
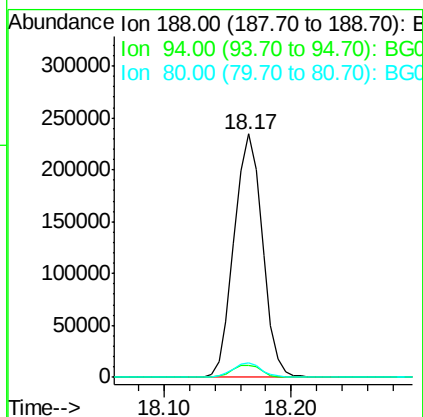
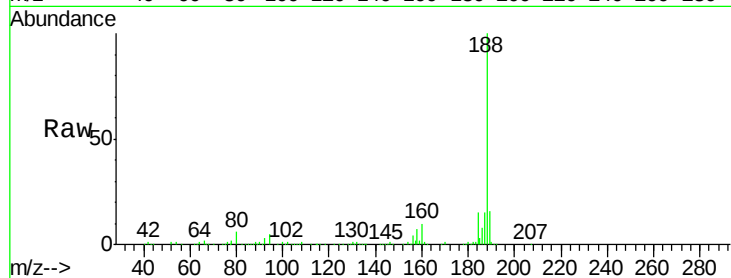




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.17 min Scan# 2532
Delta R.T. -0.04 min
Lab File: BG031768.D
Acq: 26 Dec 2017 19:08

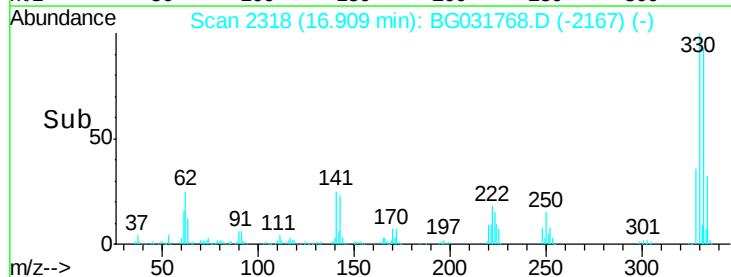
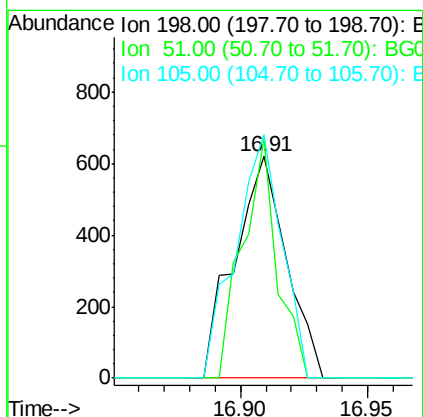
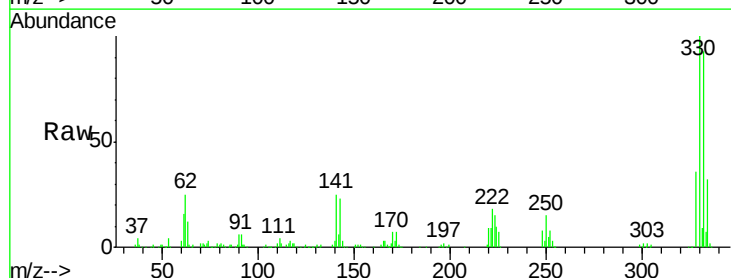
Instrument :
BNA_G
ClientSampleId :
PB105319BL

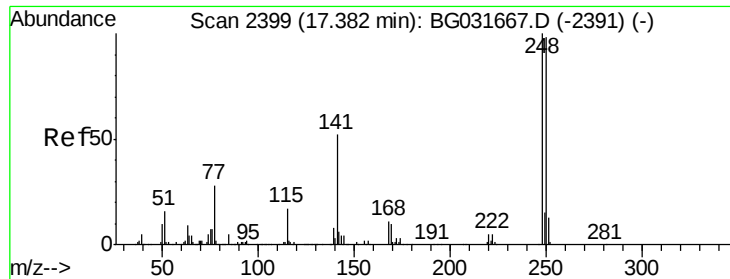
Tot Ion:188 Resp: 363415
Ion Ratio Lower Upper
188 100
94 4.8 6.9 10.3#
80 5.8 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 8.72 ng
RT: 16.91 min Scan# 2318
Delta R.T. 0.36 min
Lab File: BG031768.D
Acq: 26 Dec 2017 19:08

Tgt Ion:198 Resp: 887
Ion Ratio Lower Upper
198 100
51 107.9 30.6 70.6#
105 109.8 23.8 63.8#

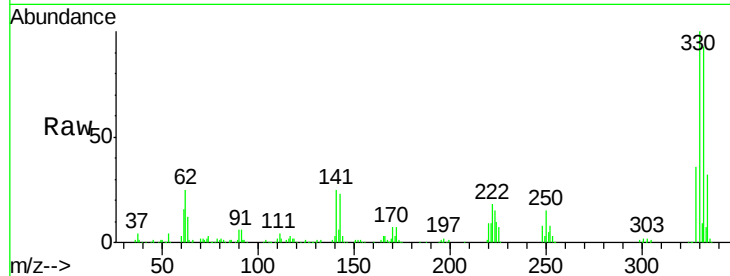




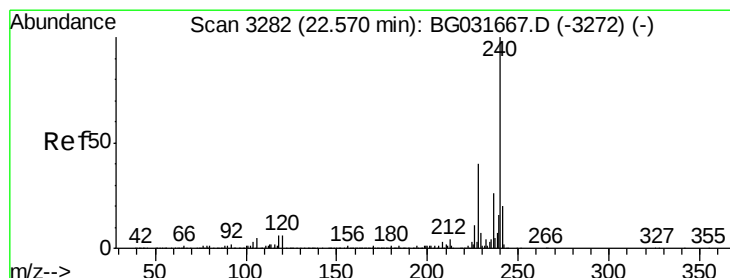
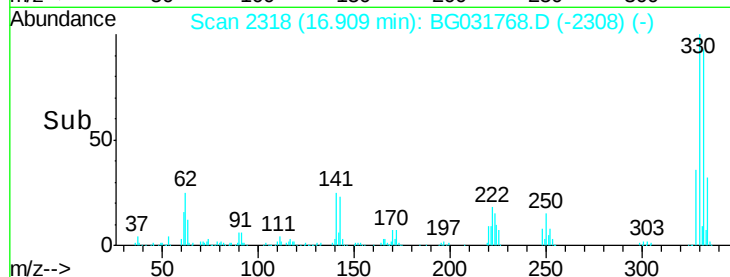
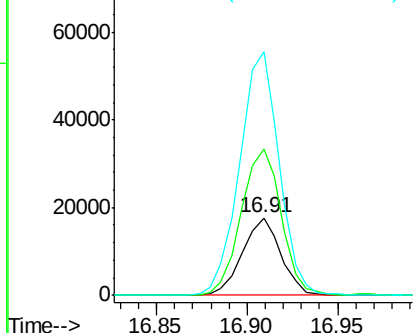
#66
 4-Bromophenyl-phenylether
 Concen: 4.94 ng
 RT: 16.91 min Scan# 2318
 Delta R.T. -0.47 min
 Lab File: BG031768.D
 Acq: 26 Dec 2017 19:08

Instrument :
 BNA_G
 ClientSampleId :
 PB105319BL

Tot Ion:248 Resp: 25984
 Ion Ratio Lower Upper
 248 100
 250 188.4 77.1 115.7#
 141 313.7 50.8 76.2#

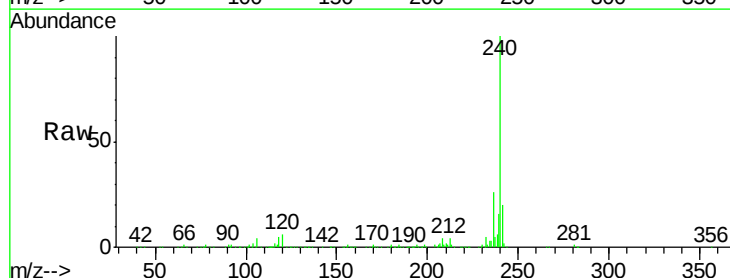


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

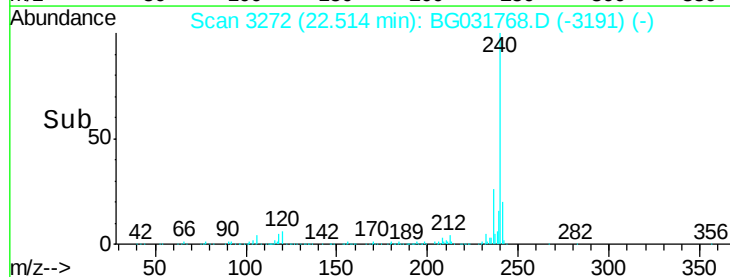
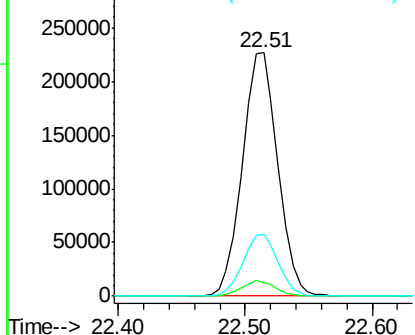


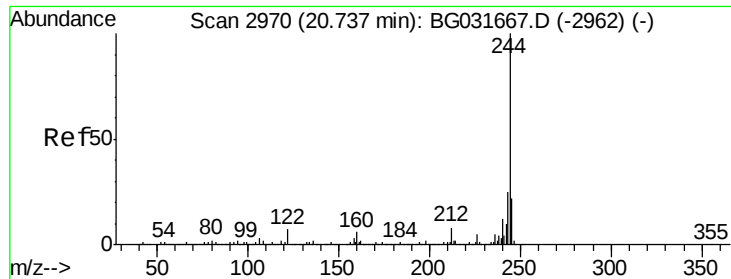
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 22.51 min Scan# 3272
 Delta R.T. -0.06 min
 Lab File: BG031768.D
 Acq: 26 Dec 2017 19:08

Tgt Ion:240 Resp: 439446
 Ion Ratio Lower Upper
 240 100
 120 5.5 6.8 10.2#
 236 25.7 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 93.76 ng

RT: 20.70 min Scan# 2963

Delta R.T. -0.04 min

Lab File: BG031768.D

Acq: 26 Dec 2017 19:08

Instrument :

BNA_G

ClientSampleId :

PB105319BL

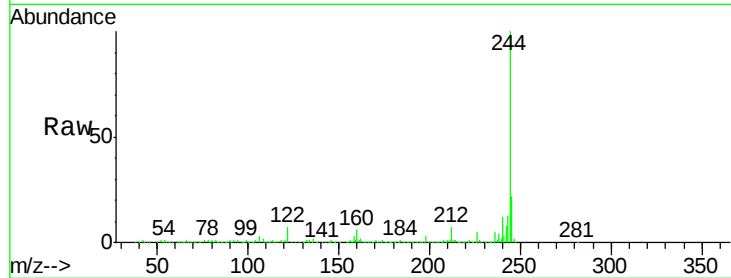
Tot Ion:244 Resp: 1803458

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

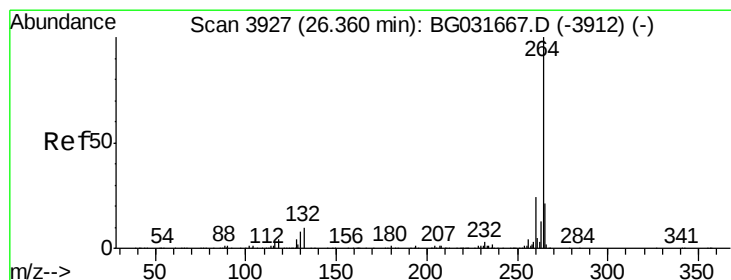
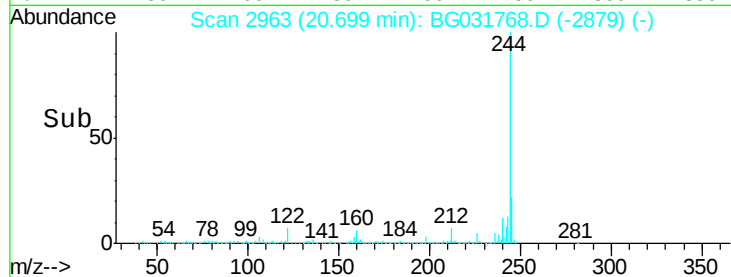
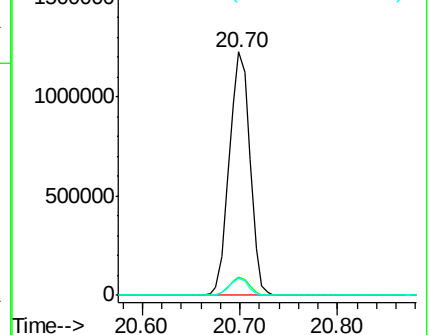
122 7.1 7.0 10.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 26.26 min Scan# 3910

Delta R.T. -0.10 min

Lab File: BG031768.D

Acq: 26 Dec 2017 19:08

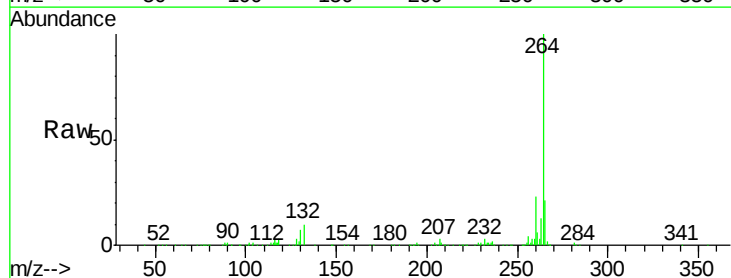
Tgt Ion:264 Resp: 475471

Ion Ratio Lower Upper

264 100

260 23.4 17.4 26.0

265 21.2 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

